

Title (en)  
Cannula for use with a matable supply electrode assembly

Title (de)  
Kanüle zur Verwendung mit einer passenden Elektrode

Title (fr)  
Canule destinée à être utilisée avec une électrode correspondante

Publication  
**EP 2179702 A1 20100428 (EN)**

Application  
**EP 10001841 A 20060501**

Priority  
• EP 06758894 A 20060501  
• US 67609205 P 20050429

Abstract (en)  
An electrosurgical system (20) preferably used for denervation procedures of nerve tissue has a control unit (22) and a pluggable electrode assembly (24). The electrode assembly (24) has a preferably disposable cannula (28) and a preservable supply electrode assembly (36). The cannula (28) has a tubular body (29) that projects axially from a preferably pointed distal end for piercing tissue to a proximal end engaged to a first coupling assembly (44) of the cannula (28). The body (29) carries a first contact (68) exposed directly to the nerve tissue and connected electrically to a terminal (86) of the first coupling assembly (44). The supply electrode assembly (36) has a second coupling assembly (116) and a supply electrode (118) that projects axially and removably into a through-bore (57) of the body (29) when the tool is in an operating state. The second coupling assembly (116) carries a terminal (140) that abuts the first coupling assembly (44) when the coupling assemblies (44, 116) are mated. Preferably the supply electrode (118) carries a temperature sensor (120) for temperature measurement of the targeted tissue and processing by the control unit (22). Preferably, the electrode assembly (24) also includes a stylet (30) having a rod (80) that fits into the through-bore (57) of the body (29) when the supply electrode assembly (36) is removed and the tool (24) is in a tissue penetrating state.

IPC 8 full level  
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CPC (source: EP US)  
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Citation (applicant)  
US 11270205 A 20050422

Citation (search report)  
• [XYI] US 6312428 B1 20011106 - EGGERS PHILIP E [US], et al  
• [Y] US 2002019596 A1 20020214 - EGGERS PHILIP E [US], et al  
• [Y] US 4655226 A 19870407 - LEE PETER F [US]  
• [A] US 5827280 A 19981027 - SANDOCK PAUL [US], et al

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US 7918852 B2 20110405; US 8852182 B2 20141007

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